

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method ~~for impersonating~~ of allowing a first user to impersonate a second user, the method comprising the steps of:
receiving authentication credentials for ~~[[a]]~~ the first entity user and an identification of ~~[[a]]~~ the second entity user;
authenticating said first entity user based on said authentication credentials for said first entity user;
creating a cookie that stores an indication of said second entity user if said step of authenticating is performed successfully; and
authorizing said first entity user to access a first resource as said second entity user based on said cookie.
2. (Currently Amended) A method according to claim 1, further comprising the step of:
providing a form for said authentication credentials, said form includes a request for a user identification, a password and an impersonatee identification, said user identification and said password correspond to said authentication credentials for said first entity user, said impersonatee identification corresponds to said identification of said second entity user.
3. (Original) A method according to claim 1, wherein:
said step of receiving is performed by an access system;
said access system protects said first resource; and
said first resource is separate from said access system.
4. (Original) A method according to claim 1, wherein:

said step of receiving is performed by an access system;
said access system protects a plurality of resources; and
said plurality of resources includes said first resource.

5. (Currently Amended) A method according to claim 1, wherein:
said cookie stores a distinguished name of said second ~~entity~~ user and an IP
address for said first ~~entity~~ user.

6. (Currently Amended) A method ~~aeoord~~ according to claim 1, further
comprising the steps of:
receiving a request to access said first resource;
providing a form for said authentication credentials, said form includes a request
for a user identification, a password and an impersonatee identification, said user identification
and said password correspond to said authentication credentials for said first ~~entity~~ user, said
impersonatee identification corresponds to said identification of said second ~~entity~~ user; and
transmitting said cookie for storage on a device being used by said first ~~entity~~ user
to send said request to access said first resource.

7. (Original) A method according to claim 1, wherein:
said steps of receiving, authenticating and authorizing are performed by an access
system;
said access system provides access management services and identity
management services; and
said first resource is protected by, but separate from, said access system.

8. (Currently Amended) A method according to claim 1, wherein:
said authentication credentials include an ID and a password;
said step of authenticating includes the steps of:

searching a directory server for a first user identity profile that matches said ID,

verifying said password based on said user identity profile,

searching said directory server for a second user identity profile that matches said identification of said second ~~entity~~ user, and

accessing one or more attributes of said second user identity profile; and said cookie includes said one or more attributes of said second user identity profile.

9. (Original) A method according to claim 8, wherein:

said steps of searching a directory server for a first user identity profile and verifying said password based on said user identity profile are performed by a first authentication plug-in; and

said steps of searching said directory server for a second user identity profile and accessing one or more attributes of said second user identity profile are performed by a second authentication plug-in.

10. (Currently Amended) A method according to claim 1, wherein:

said cookie stores a distinguished name for said second ~~entity~~ user; and

said step of authorizing includes the steps of:

accessing said distinguished name stored in said cookie,

accessing a user identity profile for said second ~~entity~~ user based on said distinguished name,

accessing a set of one or more authorization rules for said first resource, and

comparing attributes of said user identity profile for said second ~~entity~~ user to said set of one or more authorization rules for said first resource.

11. (Currently Amended) A method according to claim 1, wherein:

said authentication credentials correspond to a set of attributes for said first entity user;

said identification of said second entity user corresponds to a set of attributes for said second entity user;

said step of authorizing is based on one or more of said attributes for said first entity user; and

said step of authorizing is based on one or more of said attributes for said second entity user.

12. (Currently Amended) A method according to claim 1, wherein:
said authentication credentials correspond to a set of attributes for said first entity user; and

said step of authorizing is not based on attributes for said first entity user.

13. (Currently Amended) A method according to claim 1, further comprising the steps of:

receiving a request for a login form; and

providing said login form, said login form includes a request for a user identification, a password and an impersonatee identification, said user identification and said password correspond to said authentication credentials for said first entity user, said impersonatee identification corresponds to said identification of said second entity user.

14. (Currently Amended) A method according to claim 1, further comprising the steps of:

receiving a request from said first entity user to access a second resource after said step of creating said cookie;

accessing contents of said cookie and determining not to authenticate said first entity user in response to said request to access said second resource; and

authorizing said first ~~entity~~ user to access said second resource as said second ~~entity~~ user based on said cookie, said step of authorizing said first ~~entity~~ user to access said second resource is performed without authenticating said first ~~entity~~ user in response to said request to access said second resource.

15. (Currently Amended) A method according to claim 1, wherein:
said steps of authenticating and authorizing are performed without knowing a password for said second ~~entity~~ user.

16. (Currently Amended) A method for impersonating, comprising the steps of:
receiving authentication credentials for a ~~first entity~~ an impersonator and an identification of a ~~second entity~~ an impersonatee at an access system, wherein said access system protects a first resource that is separate from said access system;
authenticating said ~~first entity~~ impersonator based on said authentication credentials for said ~~first entity~~ impersonator, wherein said step of authenticating is performed by said access system; and
authorizing said ~~first entity~~ impersonator to access said first resource as said ~~second entity~~ impersonatee, wherein said step of authorizing is performed by said access system.

17. (Currently Amended) A method according to claim 16, wherein:
said steps of authenticating and authorizing are performed without knowing a password for said ~~second entity~~ impersonatee.

18. (Original) A method according to claim 16, wherein:
said access system protects a plurality of resources that are separate from said access system; and
said plurality of resources includes said first resource.

19. (Currently Amended) A method according to claim 16, wherein:
said authentication credentials include an ID and a password;
said step of authenticating includes the steps of:
 searching a directory server for a first user identity profile that matches
said ID,
 verifying said password based on said user identity profile,
 searching said directory server for a second user identity profile that
matches said identification of said ~~second entity~~ impersonatee, and
 accessing one or more attributes of said second user identity profile; and
said step of authorizing uses said one or more attributes of said second user
identity profile.

20. (Original) A method according to claim 16, wherein:
said steps of searching a directory server for a first user identity profile and
verifying said password based on said user identity profile are performed by a first authentication
plug-in; and
 said steps of searching said directory server for a second user identity profile and
accessing one or more attributes of said second user identity profile are performed by a second
authentication plug-in.

21. (Currently Amended) A method according to claim 16, wherein:
said step of authenticating provides a name for said ~~second entity~~ impersonatee;
and
 said step of authorizing includes the steps of:
 accessing said name,
 accessing a user identity profile for said ~~second entity~~ impersonatee based
on said name,
 accessing a set of one or more authorization rules for said resource, and

comparing attributes of said user identity profile for said ~~second entity~~
impersonatee to said set of one or more authorization rules for said resource.

22. (Currently Amended) A method according to claim 16, wherein:
said authentication credentials correspond to a set of attributes for said ~~first entity~~
impersonator;
said identification of said ~~second entity~~ impersonatee corresponds to a set of
attributes for said ~~second entity~~ impersonatee;
said step of authorizing is based on one or more of said attributes for said ~~first~~
~~entity~~ impersonator; and
said step of authorizing is based on one or more of said attributes for said ~~second~~
~~entity~~ impersonatee.

23. (Currently Amended) A method according to claim 16, further
comprising the steps of:
receiving a request to access a second resource from said ~~first entity~~ impersonator
after said step of authenticating said ~~first entity~~ impersonator, wherein said access system
protects said second resource; and
authorizing said ~~first entity~~ impersonator to access said second resource as said
~~second entity~~ impersonatee, wherein said step of authorizing said ~~first entity~~ impersonator to
access said second resource is performed without authenticating said ~~first entity~~ impersonator in
response to said request to access said second resource.

24. (Currently Amended) A method ~~for impersonating of allowing a first~~
entity to impersonate a second entity, the method comprising the steps of:
receiving authentication credentials for ~~[[a]]~~ the first entity and an identification
of ~~[[a]]~~ the second entity at an access system, wherein said access system protects a plurality of
resources;
receiving an indication of one or more of said plurality of resources;

authenticating said first entity based on said authentication credentials for said first entity, wherein said step of authenticating is performed by said access system; and
authorizing said first entity to access said one or more of said plurality of resources as said second ~~user~~ entity, wherein said step of authorizing is performed by said access system.

25. (Original) A method according to claim 24, wherein:
said authentication credentials include an ID and a password;
said step of authenticating includes the steps of:
searching a directory server for a first user identity profile that matches said ID,
verifying said password based on said user identity profile,
searching said directory server for a second user identity profile that matches said identification of said second entity, and
accessing one or more attributes of said second user identity profile; and
said step of authorizing uses said one or more attributes of said second user identity profile.

26. (Original) A method according to claim 24, wherein:
said step of authenticating provides a name for said second entity; and
said step of authorizing includes the steps of:
accessing said name,
accessing a user identity profile for said second entity based on said name,
accessing a set of one or more authorization rules for said resource, and
comparing attributes of said user identity profile for said second entity to said set of one or more authorization rules.

27. (Original) A method according to claim 24, wherein:
said authentication credentials correspond to a set of attributes for said first entity;

said identification of said second entity corresponds to a set of attributes for said second entity;

said step of authorizing is based on one or more attributes for said first entity; and
said step of authorizing is not based on attributes for said first entity.

28. (Currently Amended) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:

receiving authentication credentials for a first ~~entity~~ user and an identification of a second ~~entity~~ user;

authenticating said first ~~entity~~ user based on said authentication credentials for said first ~~entity~~ user;

creating a cookie that stores an indication of said second ~~entity~~ user if said step of authenticating is performed successfully; and

authorizing said first ~~entity~~ user to access a first resource as said second ~~entity~~ user based on said cookie.

29. (Original) One or more processor readable storage devices according to claim 28, wherein:

said steps of receiving, authenticating and authorizing are performed by an access system;

said access system protects a plurality of resources separate from said access system; and

said plurality of resources includes said first resource.

30. (Currently Amended) One or more processor readable storage devices according to claim 28, wherein:

said cookie stores a distinguished name of said second ~~entity~~ user and an IP address for said first ~~entity~~ user.

31. (Currently Amended) One or more processor readable storage devices according to claim 28, wherein:

said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:

searching a directory server for a first user identity profile that matches said ID,

verifying said password based on said user identity profile,

searching said directory server for a second user identity profile that matches said identification of said second ~~entity~~ user, and

accessing one or more attributes of said second user identity profile; and

said cookie includes said one or more attributes of said second user identity profile.

32. (Currently Amended) One or more processor readable storage devices according to claim 28, wherein:

said cookie stores a distinguished name for said second ~~entity~~ user; and

said step of authorizing includes the steps of:

accessing said distinguished name stored in said cookie,

accessing a user identity profile for said second ~~entity~~ user based on said distinguished name,

accessing a set of one or more authorization rules for said first resource, and

comparing attributes of said user identity profile for said second ~~entity~~ user to said set of one or more authorization rules for said first resource.

33. (Currently Amended) One or more processor readable storage devices according to claim 28, wherein:

said authentication credentials correspond to a set of attributes for said first entity user;

said identification of said second entity user corresponds to a set of attributes for said second entity user;

said step of authorizing is based on one or more of said attributes for said first entity user; and

said step of authorizing is based on one or more of said attributes for said second entity user.

34. (Currently Amended) One or more processor readable storage devices according to claim 28, wherein:

receiving a request from said first entity user to access a second resource after said step of creating said cookie;

accessing contents of said cookie and determining not to authenticate said first entity user in response to said request to access said second resource; and

authorizing said first entity user to access said second resource as said second entity user based on said cookie, said step of authorizing said first entity user to access said second resource is performed without authenticating said first entity user in response to said request to access said second resource.

35. (Currently Amended) An apparatus for providing access management that allows for impersonating, comprising:

a communication interface;

a storage device; and

a processing unit in communication with said communication interface and said storage device, said processing unit performs a method comprising the steps of:

receiving authentication credentials for a first entity user and an identification of a second entity user,
authenticating said first entity user based on said authentication credentials for said first entity user,
creating a cookie that stores an indication of said second entity user if said step of authenticating is performed successfully, and
authorizing said first entity user to access a first resource as said second entity user based on said cookie.

36. (Original) An apparatus according to claim 35, wherein:
said steps of receiving, authenticating and authorizing are performed by an access system;
said access system protects a plurality of resources separate from said access system; and
said plurality of resources includes said first resource.

37. (Currently Amended) An apparatus according to claim 35, wherein:
said authentication credentials include an ID and a password;
said step of authenticating includes the steps of:
searching a directory server for a first user identity profile that matches said ID,
verifying said password based on said user identity profile,
searching said directory server for a second user identity profile that matches said identification of said second entity user, and
accessing one or more attributes of said second user identity profile; and
said cookie includes said one or more attributes of said second user identity profile.

38. (Currently Amended) An apparatus according to claim 35, wherein:

said cookie stores a distinguished name for said second ~~entity~~ user; and
said step of authorizing includes the steps of:
 accessing said distinguished name stored in said cookie,
 accessing a user identity profile for said second ~~entity~~ user based on said
distinguished name,
 accessing a set of one or more authorization rules for said first resource,
and
 comparing attributes of said user identity profile for said second ~~entity~~
user to said set of one or more authorization rules for said first resource.

39. (Currently Amended) One or more processor readable storage devices
having processor readable code embodied on said processor readable storage devices, said
processor readable code for programming one or more processors to perform a method
comprising the steps of:

 receiving authentication credentials for a ~~first entity~~ an impersonator and an
identification of a ~~second entity~~ an impersonatee at an access system, said access system protects
a first resource that is separate from said access system;

 authenticating said ~~first entity~~ impersonator based on said authentication
credentials for said ~~first entity~~ impersonator, said step of authenticating is performed by said
access system; and

 authorizing said ~~first entity~~ impersonator to access said first resource as said
~~second entity~~ impersonatee, said step of authorizing is performed by said access system.

40. (Original) One or more processor readable storage devices according to
claim 39, wherein:

 said access system protects a plurality of resources that are separate from said
access system; and

 said plurality of resources includes said first resource.

41. (Currently Amended) One or more processor readable storage devices according to claim 39, wherein:

said authentication credentials include an ID and a password;

said step of authenticating includes the steps of:

searching a directory server for a first user identity profile that matches said ID,

verifying said password based on said user identity profile,

searching said directory server for a second user identity profile that matches said identification of said ~~second entity~~ impersonatee, and

accessing one or more attributes of said second user identity profile; and

said step of authorizing uses said one or more attributes of said second user identity profile.

42. (Currently Amended) One or more processor readable storage devices according to claim 39, wherein:

said step of authenticating provides a name for said ~~second entity~~ impersonatee; and

said step of authorizing includes the steps of:

accessing said name,

accessing a user identity profile for said ~~second entity~~ impersonatee based on said name,

accessing a set of one or more authorization rules for said resource, and

comparing attributes of said user identity profile for said ~~second entity~~ impersonatee to said set of one or more authorization rules for said resource.

43. (Currently Amended) One or more processor readable storage devices according to claim 39, wherein:

said authentication credentials correspond to a set of attributes for said ~~first entity~~ impersonator;

said identification of said ~~second entity~~ impersonatee corresponds to a set of attributes for said ~~second entity~~ impersonatee;

said step of authorizing is based on one or more of said attributes for said ~~first entity~~ impersonator; and

said step of authorizing is based on one or more of said attributes for said ~~second entity~~ impersonatee.

44. (Currently Amended) One or more processor readable storage devices according to claim 39, wherein said method further comprises the steps of:

receiving a request to access a second resource from said ~~first entity~~ impersonator after said step of authenticating said ~~first entity~~ impersonator, said access system protects said second resource; and

authorizing said ~~first entity~~ impersonator to access said second resource as said ~~second entity~~ impersonatee, said step of authorizing said ~~first entity~~ impersonator to access said second resource is performed without authenticating said ~~first entity~~ impersonator in response to said request to access said second resource.

45. (Currently Amended) An apparatus for providing access management that allows for impersonating, comprising:

a communication interface;

a storage device; and

a processing unit in communication with said communication interface and said storage device, said processing unit performs a method comprising the steps of:

receiving authentication credentials for a ~~first entity~~ an impersonator and an identification of a ~~second entity~~ an impersonatee at an access system, said access system protects a first resource that is separate from said access system,

authenticating said ~~first entity~~ impersonator based on said authentication credentials for said ~~first entity~~ impersonator, said step of authenticating is performed by said access system, and

authorizing said ~~first entity~~ impersonator to access said first resource as said ~~second entity~~ impersonatee, said step of authorizing is performed by said access system.

46. (Original) An apparatus according to claim 45, wherein:
said access system protects a plurality of resources that are separate from said access system; and
said plurality of resources includes said first resource.

47. (Currently Amended) An apparatus according to claim 45, wherein:
said authentication credentials include an ID and a password;
said step of authenticating includes the steps of:
searching a directory server for a first user identity profile that matches said ID,
verifying said password based on said user identity profile,
searching said directory server for a second user identity profile that matches said identification of said ~~second entity~~ impersonatee, and
accessing one or more attributes of said second user identity profile; and
said step of authorizing uses said one or more attributes of said second user identity profile.

48. (Currently Amended) An apparatus according to claim 45, wherein:
said step of authenticating provides a name for said ~~second entity~~ impersonatee;
and
said step of authorizing includes the steps of:
accessing said name,
accessing a user identity profile for said ~~second entity~~ impersonatee based on said name,
accessing a set of one or more authorization rules for said resource, and

Appl. No. 09/998,915

PATENT

Amdt. dated: December 16, 2005

Reply to Office Action of September 21, 2005

comparing attributes of said user identity profile for said ~~second entity~~
impersonatee to said set of one or more authorization rules for said resource.